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GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF ENVIRONMENTAL QUALITY
LANSING



April 21, 2003

TO: Local Health Departments
Attn: Environmental Health Directors
Field Sanitarians

FROM: Michael Gaber, Chief
Well Construction Unit
Groundwater Section

SUBJECT: Pressure Tank Inside Well Casing

This is to advise you of the availability of a new pressure tank designed to be installed within the water well casing. Attached is the product specification sheet and the NSF International listing showing conformance with ANSI/NSF Standard 61 for Drinking Water System Components – Health Effects. Because of the small drawdown and capacity of the tank, it is intended to be used with variable speed submersible pumps or constant speed pumps with a constant pressure valve. This style pressure tank should be particularly useful for homes with slabs or crawl spaces, as an alternate to buried pressure tanks, or to replace tanks located in well pits.

Because this style pressure tank did not exist when the Michigan Water Well Construction and Pump Installation Code was revised in 1994, R 325.1656, Rule 156(1) does not currently list the interior of the well casing as an authorized location for a pressure tank. However, the interior of the well casing is equivalent to an approved pump room and a pressure tank installed within the casing complies with Rule 156.

If you have any questions, please contact me at 517-241-1374, fax 517-241-1328, or by e-mail at gaberm@michigan.gov.

MSG:ckp

Attachments

cc: Kenneth Meyers, In-Well Technologies, Inc.
Water Well Drilling Contractors and Pump Installers
Ground Water Advisory Committee